AMENDMENTS TO THE CLAIMS

Please amend the claims:

1. (Currently Amended) An anti-reflective structure comprising many micro holes each having an opening at a first surface and a bottom facing a second surface opposite to the first surface, each hole extending from the opening to the bottom, the first surface adjacent to each micro hole being substantially planar, the micro holes shaped to prevent light incident on the anti-reflective structure from being reflected by the anti-reflective structure, wherein the pitch of the micro holes is half or less than half of a wavelength of the light incident on the anti-reflective structure, a ratio of the openings to the first surface is set to 70% to 85% per unit area, and the openings are disposed in a staggered arrangement in the first surface.

2. (Cancelled)

3. (Previously Presented) The anti-reflective structure according to claim 1, wherein a reflectance is set to 1% or less.

4. (Original) The anti-reflective structure according to claim 1, wherein the bottom of each hole has a quadratic surface.

5. (Original) The anti-reflective structure according to claim 1, wherein the opening of each hole has a polygonal shape.

6. (Cancelled)

7. (Previously Presented) An anti-reflective film comprising an anti-reflective structure according to claim 1 which is formed on at least one of a front face and a rear face of the film.

8. (Currently Amended) A light guide comprising:

an anti-reflective structure having many micro holes each having an opening at a first surface and a bottom facing a second surface opposite to the first surface, each hole extending from the opening to the bottom; and

a reflective structure having many micro grooves formed in the second surface, wherein the pitch of the micro holes is half or less than half of a wavelength of the light incident on the anti-reflective structure,

wherein a ratio of the openings to the first surface is set to 70% to 85% per unit area, and the openings are disposed in a staggered arrangement in the first surface.

9. (Original) An illuminating device comprising a light guide according to claim 8, and a light source for irradiating the light guide.

10. (Original) A liquid crystal display device comprising an illuminating device according to claim 9, and a liquid crystal display unit.

11-12. (Cancelled)

13. (Previously Presented) The anti-reflective structure according to claim 1, wherein the micro holes have a pitch of about one half of the wavelength of light incident thereon.

14. (Previously Presented) The anti-reflective structure according to claim 1, wherein the second surface is substantially planar.

15. (Previously Presented) The anti-reflective structure according to claim 1, further comprising micro holes each having an opening at the second surface and a bottom facing the first surface.

16. (Previously Presented) The anti-reflective structure according to claim 5, wherein the holes are formed such that the openings are disposed in a honeycomb array.

17. (Previously Presented) The light guide according to claim 8, wherein the micro grooves are wedge-shaped.

18. (Previously Presented) The light guide according to claim 8, wherein the first surface adjacent to each micro hole is substantially planar.

19. (Previously Presented) The light guide according to claim 8, wherein the anti-reflective structure and the reflective structure are integral.

20. (Previously Presented) The light guide according to claim 8, wherein the anti-reflective structure comprises an anti-reflective film contacting the reflective structure.

21. (Previously Presented) The light guide according to claim 20, wherein the anti-reflective film comprises micro holes each having an opening at a third surface and a bottom facing the first surface, the third surface disposed between the first and second surfaces.

22. (Previously Presented) The liquid crystal display device according to claim 10, wherein the liquid crystal display unit comprises opposing substrates with a liquid crystal layer therebetween, and the light guide is disposed on an opposite side of one of the substrates as the liquid crystal layer.

23. (Previously Presented) The liquid crystal display device according to claim 22, wherein the first surface faces the one of the substrates.

24. (Previously Presented) The liquid crystal display device according to claim 22, wherein the micro grooves are wedge-shaped.

25. (Previously Presented) The liquid crystal display device according to claim 10, wherein the anti-reflective structure and the reflective structure are integral.

26. (Previously Presented) The liquid crystal display device according to claim 10, wherein the anti-reflective structure comprises an anti-reflective film contacting the reflective structure.

27. (Previously Presented) The liquid crystal display device according to claim 26, wherein the anti-reflective film comprises micro holes each having an opening at a third surface and a bottom facing the first surface, the third surface disposed between the first and second surfaces.

28. (Previously Presented) The light guide according to claim 8, wherein the pitch of the micro holes is about 0.10 μm to 0.25μm.

29. (Previously Presented) The light guide according to claim 1, wherein the pitch of the micro holes is about 0.10 μm to 0.25μm.

30. (New) An anti-reflective structure comprising many micro holes each having an opening at a first surface and a bottom facing a second surface opposite to the first surface, each hole extending from the opening to the bottom, the first surface adjacent to each micro hole being substantially planar, the micro holes shaped to prevent light incident on the anti-reflective structure from being reflected by the anti-reflective structure, wherein the pitch of the micro holes is half or less than half of a wavelength of the light incident on the anti-reflective structure, wherein the opening of each hole has a polygonal shape and the polygonal holes are closely formed to decrease the connection surface between the openings.

31. (New) The anti-reflective structure according to claim 30, wherein a ratio of the openings to the first surface is set to 70% to 85% per unit area.

32. (New) The anti-reflective structure according to claim 30, wherein the openings are disposed in a staggered arrangement in the first surface.